



8/12

Wet Chemistry Method

Starting substances

Al_2O_3 , Al-hydroxides
Al-oxyhydrates

La-Salts

Me-Salts

Me=Mg, Mn, Zn, Co
Fe, Ni, Cr, Eu, Sm

insoluble compound

soluble compounds

Production of a sprayable suspension

Grinding & mixing

e.g. Tumbling mixer,
drum grinder, attritor
Solvent = water, alcohol

Granulating the powder

Separating the suspension

Spray drier

Spray granulation

Production of sprayed powders for thermospraying

Calcination of the spray granulate

Temperatures
1000-1700°C, air

Application

Fig. 9